BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

(14)

Estimate Cost Rs. 1900000.00

Name of Work: Detailed Estimate for the work of Improvements to roads and drains at Surabhi layout and shivanahalli in ward No- 01 of yelahanka Sub division.

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH chapter 3. No. 138/ Item No. 19.1/ PWD SR 2014-15	cum							
	desilting of Existing drain life style apartment road		2	350.00	0.45	0.30	94.50		
	Shivanahalli cross road 1		2	150.00	0.40	0.30	36.00		
	Shivanahalli cross road 2		2	90.00	0.40	0.25	18.00		
							148.50	75.60	11227.00
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	75.60							
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 130 (SR 2014-15)	cum							
			Vide Item No. 1				148.50	79.10	11746.00
	Basic Rate for loading and unloading	63.00							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2 X 4	10.24							
		73.24							
	Area Weightage @ 8%	5.86							
	Total	79.10							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1955 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No.25 item No 5.27 SR 2014-15	sqm							
	life style apartment road	2x2	4	350.00	0.20		280.00		
	Shivanahalli cross road 1	2x2	4	150.00	0.20		120.00		
	Shivanahalli cross road 2	2x2	4	90.00	0.20		72.00		
							472.00	**993.60**	**468979.00**
	Basic Rate	920.00							
	Area Weightage @ 8%	73.60							
	Total	**993.60**							
4	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibraled for all works in foundation plinth and ground floor level for roof slabs, staircase, **lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc,** including cost of all materials, labour HOM of machinery, curing, complete as per specifications Specification No. KBS 4.1.4.6, No. KBS 4.1.4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	Cum							
	life style apartment road	2x2	4	350.00	0.20	0.10	28.00		
	Shivanahalli cross road 1	2x2	4	150.00	0.20	0.10	12.00		
	Shivanahalli cross road 2	2x2	4	90.00	0.20	0.10	7.20		
							47.20	**6065.28**	**286281.00**
	Basic Rate	5616.00							
	Area Weightage @ 8%	449.28							
	Total	**6065.28**							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
-	KSRB 15.3.4 Providing 15m thick cement plaster in single coat with cement mortar 1:3,to brick masonry including rounding off corners wherever reuired smooth rendering, Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 109 Item No 15.12 SR 2014-15	sqm							
	life style apartment road	2x4	8	350.00	0.20		560.00		
	Shivanahalli cross road 1	2x4	8	150.00	0.20		240.00		
	Shivanahalli cross road 2	2x4	8	90.00	0.20		144.00		
							944.00	199.80	188611.00
	Basic Rate	185.00							
	Area Weightage @ 8%	14.80							
	Total	199.80							
6	RCC Precast covering slab for drain (10cm thick)	sqm							
	life style apartment road		2	350.00	0.60		420.00		
	Shivanahalli cross road 1		2	150.00	0.60		180.00		
	Shivanahalli cross road 2		1	16.00	0.60		9.60		
							609.60	1498.00	913161.00
	Rate Approved by BBMP	1498.00							
7	1% of Quality control charges								19000.00
8	Miscellaneous charges								975.00
								Total	1900000.00
(Rupees Ninteen lakhs Fifty thousand Only)									

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CERTIFICATE

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per C.S.R. of 2014-15.
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

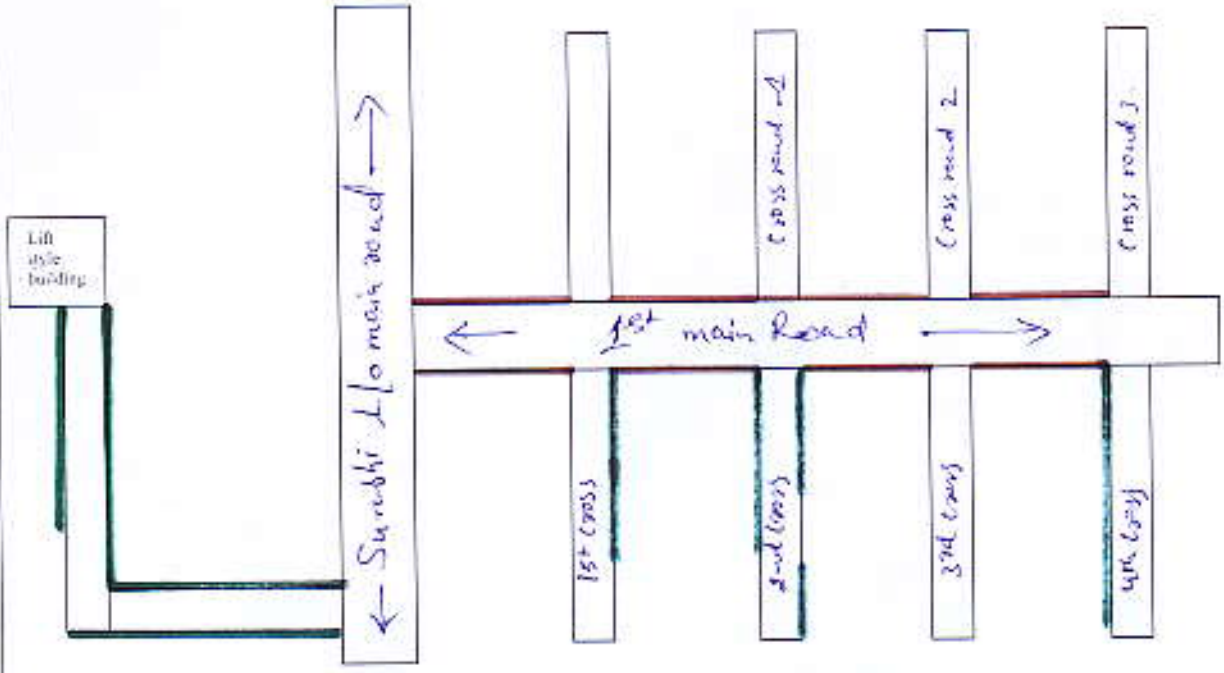
Administrative Sanction for Rs. 19.00 Lacs
Nineteen Lacs only
is accorded under Head P 17471
2014-15
Registered at Sl. No. ... Subject to conditions contained in enclosed memo No. CE/YEL/AA/26/14-15 Dt. 27.10.14

AE/JE TA EE/YKT

TECHNICALLY SANCTIONED FOR Rs. 19.00 L
Rupees Nineteen Lacs
Under P-17471-2014-15
Registered at Sl. No. 29
Subject to conditions contained in enclosed memo Sl. No. 191
Dt. Estimate A/c Sanctioned
EE/YEL/TS/20/14-15 No. 20
Dated 28.10.2014 Rs. 19.00 L

Executive Engineer

Name of the work: Improvements to roads and drains at Surabhi layout and shivanahalli in ward No -01 of yelahanka Sub division.



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Flagging course.

Covering slab